Special Issue

A Perspective on Novel Electrochemical Capacitors and Batteries

Message from the Guest Editors

Chemical research plays a crucial role in advancing electrochemical capacitors and batteries. It focuses on understanding and improving the chemical processes that occur within these energy storage devices, with the goal of enhancing their performance, safety, and environmental sustainability. This year, the journal Molecules will publish a Special Issue of papers featuring selected contributions on novel electrochemical capacitors and batteries. As of this Special Issue, we are writing to invite you to contribute a research paper, rapid communication, perspective or review article on your latest research activities in, but not limited to, the following aspects: electrode materials, electrolytes, facilitate rapid ion diffusion, electrochemical reactions, catalysts, diagnostics and characterization, flame-retardant additives and electrolyte formulations, environmentally friendly materials, and novel batteries.

Guest Editors

Dr. Pei Hu

Dr. Yuyu Li

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Deadline for manuscript submissions

closed (31 October 2024)



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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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